

Bought New
Unit on
order
17734



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA3-3-OH

Job Sheet OH195457



Part No: SWA3-3-OH

Job Qty: 1 pcs

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/23/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 7/25/19

Description: RA685 / Order 16106 / SN 3055-03

Type: Rework - OH

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New Issue DP verify DD

Ship Via:

Cancelled
OH

5193309

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier		Sign-off
							Workcenter / Supplier	Lead Time	
110	External Load - 1	1 pcs	7/25/19	7/25/19	0.00	1.00	External Load - 1		5193309 JK
							External Load - 2		
							External Load - 3		
120	QC 5	1 pcs	7/25/19	7/25/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 60		
							QC 5 - 30		
							QC 5 - 40		
130	Customer Acceptance	1 pcs	7/25/19	7/25/19	0.00	0.00			
140	Customer Acceptance Test / OH	1 pcs	7/25/19	7/25/19			SKY002-VC	5	

NO PARTS FOR

NDT

SCAP

Return
all parts
to order

17734

					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
160 QC 6	1 pcs	7/25/19	0.00 0.00	QC 6 - 9		
				QC 6 - 68		
				QC 6 - 61		
				QC 6 - 40		
170 Small Fab - 2 - B4B	1 pcs	7/25/19	0.00 1.00	Small Fab - 1 - B4B		
				Small Fab - 2 - B4B		
				Small Fab - 3 - B4B		
				Small Fab - 4 - B4B		
				Small Fab - 5 - B4B		
				Small Fab - 6 - B4B		
180 QC 5	1 pcs	7/25/19	0.00 0.00	Small Fab - 7 - B4B		
				QC 5 - 10		
				QC 5 - 12		
				QC 5 - 17		
				QC 5 - 18		
				QC 5 - 19		
				QC 5 - 22		
				QC 5 - 24		
				QC 5 - 3		
				QC 5 - 43		
				QC 5 - 49		
				QC 5 - 51		
				QC 5 - 58		
				QC 5 - 68		
				QC 5 - 9		
				QC 5 - 50		
QC 5 - 30						
QC 5 - 40						
190 Packaging 3-1 - Stock - B4B	1 pcs	7/25/19	0.00 0.00	Packaging 3 - 1 - B4B		
				Packaging 3 - 2 - B4B		
				Packaging 3 - 3 - B4B		
				Packaging 3 - 4 - B4B		
				Packaging 3 - 5 - B4B		
				Packaging 3 - 6 - B4B		
				Packaging 3 - 7 - B4B		
				Packaging 3 - 8 - B4B		
				Packaging 3 - 9 - B4B		
				Packaging 3 - 10 - B4B		
				Packaging 3 - 11 - B4B		
				Packaging 3 - 12 - B4B		
				Packaging 3 - 13 - B4B		
				Packaging 3 - 14 - B4B		
				Packaging 3 - 15 - B4B		
				Packaging 3 - 16 - B4B		
				Packaging 3 - 17 - B4B		
				Packaging 3 - 18 - B4B		
				Packaging 3 - 19 - B4B		
				Packaging 3 - 20 - B4B		
				Packaging 3 - 21 - B4B		
				Packaging 3 - 22 - B4B		
				Packaging 3 - 23 - B4B		
				Packaging 3 - 24 - B4B		
				Packaging 3 - 25 - B4B		
					Plex 5/23/19 9:31 AM Dart.Renwick.Jennife	

				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
195 DC - 1 - B4B	1 pcs	7/25/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
200 QC 21 - FG	1 pcs	7/25/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - FG - 53	

Part Op 110 - TEST ASSEMBLY, DISASSEMBLE ASSEMBLY, INSPECT DAMAGE PART.
 Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)
 150 - (Receive & Inspect for Damage & Mat'l Certs)
 160 - (QC6- All purchased or subcontracted products)
 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.
 180 - (QC5- Inspect part completeness to step on W/O)
 190 - (Identify as per dwg & Stock Location: _____)
 195 - Photocopy blue file and create labels Photocopy blue file OM & OOPM-SWA3A Rev3
 200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	110-External Load - 1	5180421
188-FPSS-832-1/4 Set Screw		1 Ea (1 ea)	170-Small Fab - 2 - B4B	
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	170-Small Fab - 2 - B4B	
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	170-Small Fab - 2 - B4B	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab - 2 - B4B	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/ 01004-08-047	6 ft (6 ea)	170-Small Fab - 2 - B4B	
SWA3-100	Upper End - Swa3 Swivel	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-200	Lower End	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-300	Wire Clamp	2 pcs (2 ea)	170-Small Fab - 2 - B4B	
SWA3-400	Button Head Screw	2 pcs (2 ea)	170-Small Fab - 2 - B4B	
SWA3-500B	Contact Spacer	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-600	O-Ring	1 pcs (1 ea)	170-Small Fab - 2 - B4B	
SWA3-700	Bearing Balls - 1/4"	32 Ea (32 ea)	170-Small Fab - 2 - B4B	
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	170-Small Fab - 2 - B4B	5175392
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	170-Small Fab - 2 - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-External Load - 1	SWA3-3	1	0	0
170-Small Fab - 2 - B4B	188-FPSS-832-1/4	1	103	0
	92210A303	4	32	0
	EL-PLUG-F	1	17	0
	EL-PLUG-M	1	34	0
	EL314-SJTOW	6	0	0
	SWA3-100	1	18	0
	SWA3-200	1	7	0
	SWA3-300	2	33	0
	SWA3-400	2	32	0
	SWA3-500B	1	12	0
	SWA3-600	1	29	0
	SWA3-700	32	558	0
	SWA6A-1900	6	187	0
	SWA6A-900B	1	14	0

Part Specifications
Specifications could not be found.

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Inspection Sheet Complete RA685

Part Number	Original Batch / Serial # / CRI #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order instructions
SWA3-3	3055-03		1	☒ Yes	☐ Yes	☐ Yes	☒ Yes	CUSTOMER SUPPLIED		S180421		Overhaul
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

Customer QA Ref #

QC Approval: _____ 0

Date: 0-Jan-00 _____

Special Return/Rework Instructions:

Order 16106

OH19S457



Overhaul Incoming Inspection
SWIVEL

Customer

OH195457 / RA 685

Date

2019/06/24

Part Number

SWA3-3

Serial Number

3055-03

ORDER : 16106

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

(1) SWA3A-100 UPPER END

(1) SWA3A-200 LOWER END

☐☐☐☐☐☐☐☐☐☐☐

Inspected By

ALVIN PATRY



Electric Swivel
SWA3

Work Order 195457

Customer RA 685

Number of Wires 3

Date 2019-6-24

Serial Number 3055-03

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Michel Lalonde
Technician

Signature: _____
QC 5 Small FAB / QA

Submit

RETURN AUTHORIZATION



RA #:

RA685

Date:

May 3, 2019

Attention:

Michelle Rowe

E-mail:

michelle.rowe@HydroOne.com

From:

Jennifer Renwick

RETURN ADDRESS

☒ Hawkesbury

Dart Aerospace Ltd

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7, CA

1-613-632-3336

☐ Vista

Dart Aerospace Ltd.

3030 Enterprise Court, Suite A

Vista, CA 92081-8347, US

1-760-724-5300

☐ Broussard

Dart Aerospace Ltd.

105 Dairy Lane

Broussard, LA 70518, US

1-337-839-0500

SHIPPING

Courier: Customer Choice

Account #: Customers Account

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	SWA3-3	P/N:	0
Special Return/Rework Instructions:	Swivel	Description:	0
Qty:	1	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$500	Customs Value USD:	\$0
Batch / Serial #	3055-03	Batch / Serial #	0
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:

H:\Forms\Quality Assurance\approved QA Online\RA revK

968-9435:0
rev. 00-01

**HYDRO ONE NETWORK SERVICES INC.
HELICOPTER SERVICES**
224 Line 7 N, RR2, Oro Medonte, Ontario L0L 2E0
704-487-1771

packing list for material shipped

[illegible]

PURCHASE ORDER

Hydro One Networks Inc.
 Lake Simcoe Regional Airport
 224 Line 7 N. R.R.#2

Oro Medonte, Ontario, Canada, L0L 2E0

PO No: 20190133

Priority: Rush

Date: 2019/05/08

Phone: (705) 487-1771 Fax: (705) 487-6261

Attn:		Ship To: HYDRO ONE	
Vendor: DART AEROSPACE LTD		Attn:	
1270 ABERDEEN STREET		LAKE SIMCOE REGIONAL AIRP	
Hawkesbury		224 LINE 7 N.	
Ontario K6A 1K7		ORO-MEDONTE	
Salesman:		State: ON	Post Code: L0L 2E0
Phone: 1 613 632 3336	Fax: 1 613 632 4443	Country: CANADA	

Item	Part #	WO#	Qty	Unit	Cond.	Control Code	Cost	Total
1	SWA3-3		1	REP		CONS	0.00	0.00

Description: SWIVEL

Serial #: 3055-03

Comments: LL ASSY 14

INSPECTION AND OVERHAUL REQUIRED AS PER MANUFACTURES SPECIFICATIONS

YOUR RA 685

YOUR QUOTE 16106

Terms and conditions of this order

All items listed on this purchase order must meet applicable Airworthiness standards.

FORM ONE REQUIRED OR 8130-1

ELECTRONIC EQUIPMENT:

RETURN WITH CONFIGURATION SETTINGS AS RECEIVED

Ship Via:	Page 1 Sub Total:	0.00
Terms:	Tax (0.00%) Sub Total:	0.00
Ordered By: MICHELLE	P/O Total Freight Charge:	0.00
Approved By: KEN SANFORD 	Purchase Order Total:	0.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

QUOTE ACKNOWLEDGEMENT

CUSTOMER

Customer Code: CHYDR01

Sold To: Hydro One Networks Inc

Lake Simcoe Regional Airport RR #2, 224 Line 7, North
Oro Station ON L0L 2E0
Canada
Phone: 1 705 487 5315

Ship To: Hydro One Networks Inc

Lake Simcoe Regional Airport RR #2, 224 Line 7, North
Oro Station ON L0L 2E0
Canada
Phone: (705) 487-1771

QUOTE

Quote No : 16106

Date: 5/3/19

Ship-To Contact: Michelle Rowe

Email: michelle.rowe@hydroone.com

Cust PO No:

FOB: Shipping Point

Ship Via:

Freight Terms: PrePaid

Terms: Net 30

INCO Terms: Ex Works

Order Taker: Lacey Cantlin

Order Taker Phone:

Order Taker Email: lcanthin@dataero.com

Line No	Due Date	Ship Date	Part	Description/Note	Quantity	Unit	Price	Unit	Extended Price
1			SWA3-3	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	1	pcs	\$650.00 USD	pcs	\$650.00 USD
					Sub Total		\$650.00		
					Tax		\$84.50		
					Sub Total		\$734.50 USD		
					Grand Total		\$734.50 USD		

ORDER NOTES

All Prices Quoted In USD & Valid For 30 Days. All Parts Subject To Prior Sale & Are Ex-Works Manufacturing Facility In Hawkesbury, ON, Canada

Freight Not Included In This Quote

Pricing may be revised upon receipt and inspection of unit. Revised quote will be sent to also include extra parts/time needed to perform repairs other than regular overhaul

Plex 5/3/19 11:51 AM dart.cantlin.lacey

Jennifer Renwick

From: Jennifer Renwick
Sent: Thursday, July 04, 2019 10:48 AM
To: Sylvie Boucher
Cc: Linda Lacelle; Jason Leroux
Subject: FW: New Dart Order 17734 - special note*
Attachments: DART ORDER 17734.pdf

Hi Sylvie,

Please be advised that the customer has cancelled RA685 / Job OH195457 / Order 16106. We will return the swivel to the customer as is with order 17734 which is an order for a new one.

Thank you,
Jen

From: Lacey Cantin <lcantin@dartaero.com>
Sent: Thursday, July 04, 2019 9:45 AM
To: Linda Lacelle <llacelle@dartaero.com>; Jennifer Renwick <jrenwick@dartaero.com>; Jason Leroux <jleroux@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>
Cc: Chantal Chartrand <cchartrand@dartaero.com>
Subject: New Dart Order 17734 - special note*

Good morning,

Kindly see attached.

@Jen – the customer has decided to purchase new instead of replacing the parts for the swivel on RA685. Once the new order attached is ready to ship, the customer would like their old swivel shipped back with it. In this case, does the order 16106 just get canceled and closed out? If so, please advise and Chantal can help us ☺

Thanks!
Lacey



Overhaul Incoming Inspection
SWIVEL SWA3

Customer

OH195457 / RA 685

Date

2019/06/24

Part Number

SWA3-3

Serial Number

3055-03

ORDER : 16106

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

(1) / SWA3-100 UPPER END

(1) / SWA3-200 LOWER END

☐☐☐☐☐☐☐☐☐☐

Inspected By

ALVIN PATRY

Job Bom E

Sent Sales 6-26-19